

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/11076

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07D 223/14, 223/16, 487/00, 491/00, 513/00; A61K 31/55
 US CL : 540/543, 586, 593; 514/212.02, 215, 217.01

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 540/543, 586, 593, 514/212.02, 215, 217.01

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 CAS ONLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3,652,543 (HOBGERLBE et al.) 28 March 1972 (28.03.1972), column 8, lines 25-33.	1-27
X	US 4,111,957 (HOLDEN et al.) 05 September 1978 (05.09.1978), column 8, lines 26-27.	1-27
X	US 4,988,690 (EFFFLAND et al.) 29 January 1991 (29.01.1991), column 12, lines 31-32.	1-27
Y	US 5,015,639 (BERGER et al.) 14 May 1991 (14.05.1991), columns 1-2.	1-37

□ Further documents are listed in the continuation of Box C. □ See patent family annex.

* Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"B"	earlier application or patent published on or after the international filing date
"C"	document which may throw doubt on priority (claim(s)) or which is cited to establish the publication date of another citation or other special reason (as specified)
"D"	document referring to an oral disclosure, use, exhibition or other means
"E"	document published prior to the international filing date but later than the priority date claimed

Date of the actual completion of the international search

25 September 2003 (25.09.2003)

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Date of mailing of the international search report

16 OCT 2003

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